

ABSTRACT OF THE DISCLOSUREINS  
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5 An image retrieval device and an image retrieval method are provided which are capable of improving performance of image retrieval, of retrieving images at higher speed with simplified configurations and of retrieving images by simplified calculating processes.

10 The image retrieval device is composed of a first coefficient transforming section to transform a first group of image feature descriptors extracted from image data accumulated in an image database and to generate a second group of image feature descriptors to be used for calculating similarity, second coefficient transforming section to transform the first group of image feature descriptors extracted from image data of an inquired  
15 image and to generate a second group of image feature descriptors to be used for calculating similarity and a similarity calculating section to compare the second group of image feature descriptors for each piece of image data produced by the coefficient transforming section with the second group of image feature  
20 descriptors for the inquired image transformed by the second coefficient transforming section.

09732701-121100